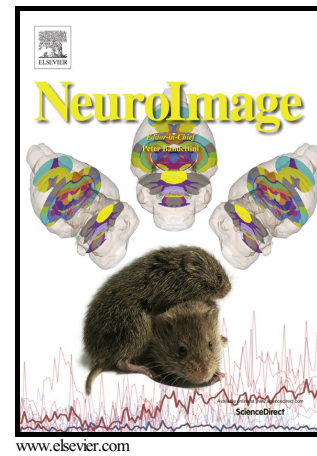


'Dual origins of measured phase-amplitude coupling reveal distinct neural mechanisms underlying human episodic memory in the human cortex

Alex P. Vaz, Robert B. Yaffe, John H. Wittig, Sara K. Inati, Kareem A. Zaghloul



PII: S1053-8119(17)30001-0
DOI: <http://dx.doi.org/10.1016/j.neuroimage.2017.01.001>
Reference: YNIMG13705

To appear in: *NeuroImage*

Received date: 12 November 2016
Revised date: 18 December 2016
Accepted date: 1 January 2017

Cite this article as: Alex P. Vaz, Robert B. Yaffe, John H. Wittig, Sara K. Inati and Kareem A. Zaghloul, 'Dual origins of measured phase-amplitude coupling reveal distinct neural mechanisms underlying human episodic memory in the human cortex, *NeuroImage*, <http://dx.doi.org/10.1016/j.neuroimage.2017.01.001>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Dual origins of measured phase-amplitude coupling reveal distinct neural mechanisms underlying human episodic memory in the human cortex

Running title: PAC in Memory

Alex P. Vaz^{1,2}, Robert B. Yaffe^{1,3}, John H. Wittig, Jr¹, Sara K. Inati⁴, and Kareem A. Zaghoul¹ [†]

¹ Surgical Neurology Branch, NINDS, National Institutes of Health, Bethesda, MD 20892, USA

² Medical Scientist Training Program, Duke University School of Medicine, Durham, NC, 27710, USA

³ Department of Biomedical Engineering, Johns Hopkins University, Baltimore, MD 21218, USA

⁴ Office of the Clinical Director, NINDS, National Institutes of Health, Bethesda, MD 20892, USA

Draft Date: September 14, 2016

Number of Figures: 7

Abstract 150 words

Introduction 375 words;

Discussion 1202 words

Acknowledgements: We thank John Burke, Julio Chapeton, Baltazar Zavala, John Cocjin, and Rafi Haque for helpful and insightful comments on the manuscript. This work was supported by the Intramural Research Program of the National Institute for Neurological Disorders and Stroke. This work was also supported in part by the National Institute of General Medical Sciences (NIGMS) grant T32 GM007171 to APV. We are indebted to all patients who have selflessly volunteered their time to participate in this study.

The authors declare no competing financial interests.

[†]Correspondence should be addressed to:

Kareem A. Zaghoul

Surgical Neurology Branch, NINDS, National Institutes of Health Building 10, Room 3D20
10 Center Drive Bethesda, MD 20892-1414

Office: (301) 496-2921

Email: kareem.zaghoul@nih.gov

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلید کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات